

Ordering Information

Family	Lamps	Length	Shielding	Ballast	Voltage	Finish
LSC	2		C			
LSC	2 = 2-Lamp T5	4 = 4-foot 8 = 8-foot 12 = 12-foot	C = Pierced	28 = 28W T5 54 = 54W T5 5E = 54W T5 Emergency Pack 2E = 28W T5 Emergency Pack 5D = 54W T5 Dimming	1 = 120v 2 = 277v	AL = Aluminum WH = White

Features

- Housing:** Die-formed 18 gauge CRS. Two 1-1/4" (3.18cm) pierced strips in housing. Rectangular piercings are 1/8" (0.32cm) wide and 1/8" (0.32cm) apart. Die-cast end cap mechanically attached with no exposed fasteners.
- Lamp:** Two T5 28 or 54 watt (as specified) fluorescent lamps per 4-foot nominal section. Provided by others.
- Reflector:** Patented precision die-formed semi-specular aluminum.

Electrical

Ballast is <10% THD, .98 ballast factor, rapid start. 3 conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. Power feed is 18 gauge white SJT. For special circuiting consult factory. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Dimming - 120/277 VAC 10% dimming level.

Emergency Batter Pack - 28 watt: 520 lumens @ 90 minutes, 54 watt: 700 lumens @ 90 minutes.

Mounting

Cable Suspension (not shown) - 4 1/2" (11.43cm) diameter canopy finished white enamel, 1/16" (0.16cm) diameter stainless steel aircraft cable adjustable up to 36" (91.44cm). Draw-tight connector to create hairline seam between joiner modules. May be stanchion mounted on Steelcase Answer®, Montage®, and Segment® Wall Systems.

Finish

Powder coated baked white or aluminum finish. Custom colors available, consult factory.

Options and Accessories

Emergency circuiting, special circuiting - consult factory.

Ordering Instructions

Individual Fixtures:

- Order number of MODULES required.
- Order one POWER FEED END SET per MODULE.

Continuous Runs:

- Determine run length.
- Order the appropriate number of MODULES or the complete run.
- Order one POWER FEED END SET per run.
- Order one CABLE ASSEMBLY per MODULE minus one per run.
- For runs that exceed amperage limits, order the appropriate number of CABLE/CORD ASSEMBLIES.

Labels

UL, cUL and IBEW

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Job Information

Type:

Job Name:

Cat. No.:

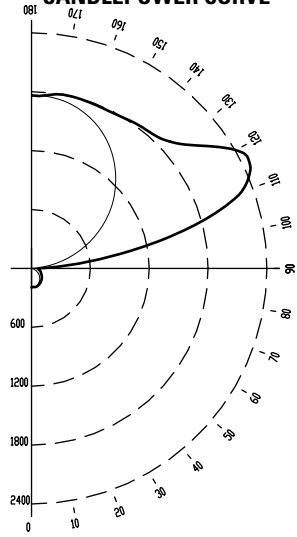
Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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Performance - 54W T5

CANDLEPOWER CURVE



REPORT NO: ITL49764
CAT NO: LSC24C54
LAMPS: 2 F54T5
LUMENS: 5000
EFFICIENCY: 90.3%

ZONE DEG.	0	22	45	67	90
CANDELAS					
180	1762	1762	1762	1762	1762
175	1760	1772	1774	1770	1772
165	1709	1754	1781	1791	1798
155	1599	1676	1714	1763	1786
145	1429	1527	1625	1754	1816
135	1213	1330	1546	1766	1870
125	959	1107	1473	1949	2175
115	668	895	1625	2290	2462
105	360	794	1557	1744	1738
95	71	449	397	408	394
90	0	16	30	43	61
85	9	28	36	61	69
75	22	34	57	82	89
65	47	60	78	100	107
55	84	94	105	124	127
45	116	127	133	147	148
35	145	154	159	167	165
25	169	175	181	184	182
15	186	188	192	195	193
5	195	195	194	193	190
0	194	194	194	194	194

COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

	80			70			50		
	WALL REFLECTANCE								
	70	50	30	70	50	30	50	30	10
0	87	87	87	76	76	76	54	54	54
1	79	76	72	69	66	63	47	45	43
2	72	66	61	62	57	53	41	38	36
3	66	58	52	57	50	45	36	32	30
4	60	51	44	52	44	39	32	28	25
5	55	45	38	47	39	33	28	24	21
6	50	40	33	43	35	29	25	21	18
7	46	36	29	40	31	26	22	19	16
8	43	32	26	37	28	23	20	17	14
9	40	29	23	34	26	20	18	15	12
10	37	27	21	32	23	18	17	13	11

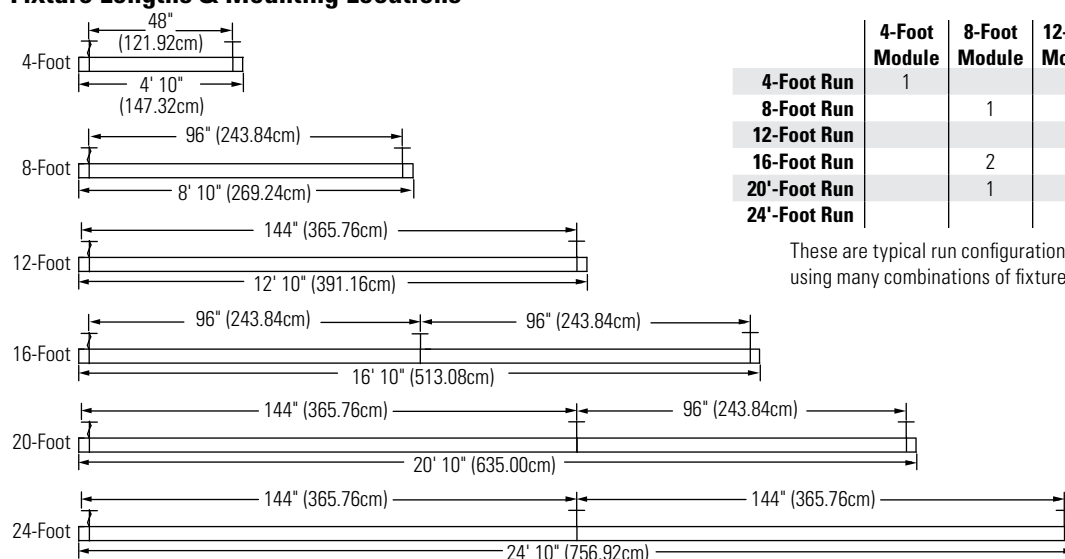
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	637	6.4	7.1
90-180	8390	83.9	92.9
0-180	9027	90.3	100.0

Calculations are for 54 watt T5 lamps, for 28 watt T5 lamps divide by 1.7.

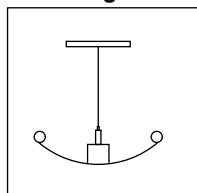
Fixture Lengths & Mounting Locations



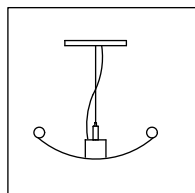
	4-Foot Module	8-Foot Module	12-Foot Module	Power Feed End Set	Cable/ Assembly
4-Foot Run	1			1	
8-Foot Run		1		1	
12-Foot Run			1	1	
16-Foot Run		2		1	1
20'-Foot Run		1	1	1	1
24'-Foot Run			2	1	1

These are typical run configurations. Runs can be constructed using many combinations of fixtures.

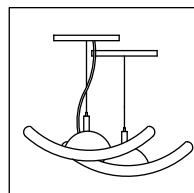
Mounting Accessories



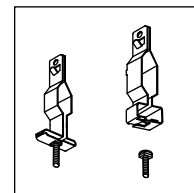
Cable Assembly
Single Cable: LSCC36



Cable/Cord Assembly
Single Cable & Cord: LSCCC36
Single Cable & 4 Wire Cord*: LSCCC36X4



Power Feed End Set
Straight Cord: LSCCE36WH (white)
LSCCE36AL (aluminum)
4 Wire Cord*: LSCCE36WHX4 (white)
LSCCE36ALX4 (aluminum)



Ceiling Grid Kit
CGK
Includes both Standard 1" (2.5" Tee Bar Clip & Slot Tee Clip.
Order 1 Kit per mounting point.

* Use for dimming and/or emergency battery packs

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